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(54) Title: METHOD OF MAKING A HEATING ELEMENT OF MOLYBDENUM SILICIDE TYPE AND A HEATING ELEMENT

(57) Abstract: The present invention relates to a method for the production of a heating element that is comprised essentially of molybdenum silicide and alloys of this basic material. The invention is characterised by producing a material that contains substantially Mo (Si<sub>1-x</sub>Al<sub>x</sub>)<sub>2</sub> and Al<sub>2</sub>O<sub>3</sub> by mixing a molybdenum aluminium silicide Mo (Si<sub>1-y</sub>Al<sub>y</sub>)<sub>2</sub> with bentonite clay in a manner known per se, wherein the bentonite clay is caused to contain impure or contaminating substances with which molybdenum silicide cannot be alloyed and with which the symmetry of the crystal lattice of the molybdenum silicide is retained with a combined content of less than 2000 ppm. The invention also relates to a heating element.

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